

**DECLARATION, PETITION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**MODULAR MOLECULAR CLASPS AND USES THEREOF**

the specification of which

- ☒ executed by me of even date herewith and about to be filed;
- ☐ was filed on \_\_\_\_\_ as U.S. Serial No. \_\_\_\_\_; and
- ☐ was amended on \_\_\_\_\_  
(if applicable)

I do not know and do not believe that the subject matter of this application was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date of this application, or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date of this application on an application filed more than twelve months (six months if this application is for a design) before the filing of this application; and I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

### CLAIM OF BENEFIT OF EARLIER FOREIGN APPLICATION(S)

I hereby claim priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) from which priority is claimed.

- ☒ no such applications have been filed.
- ☐ such applications have been filed as follows

**EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Country	Application Number	Date of Filing (month, day, year)	Priority Claimed Under 35 USC 119
			<input type="checkbox"/> Yes      No <input type="checkbox"/>
			<input type="checkbox"/> Yes      No <input type="checkbox"/>
			<input type="checkbox"/> Yes      No <input type="checkbox"/>
			<input type="checkbox"/> Yes      No <input type="checkbox"/>
			<input type="checkbox"/> Yes      No <input type="checkbox"/>

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**


**CLAIM FOR BENEFIT OF U.S. PROVISIONAL APPLICATION(S)**

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/279,524  
(Application Serial No.)

03/28/01  
(Filing Date)

(Application Serial No.)

(Filing Date)

[illegible]

# CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any earlier United States application(s) or PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the earlier application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date(s) of the earlier application(s) and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier application(s), if any, described below, I do not know and do not believe that the same was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date(s) of said earlier application(s), or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date(s) of said earlier application(s) on an application filed more than twelve months (six months if this application is for a design) before the filing of said earlier application(s); and I acknowledge that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

(Application Serial No.)	(Filing Date) (patented,pending,aband.)	(Status)
(Application Serial No.)	(Filing Date) (patented,pending,aband.)	(Status)
(Application Serial No.)	(Filing Date) (patented,pending,aband.)	(Status)

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

James E. Cockfield	Reg. No. 19,162	Jeremiah Lynch	Reg. No. 17,425
Thomas V. Smurzynski	Reg. No. 24,798	David J. Ridders	Reg. No. 43,882
Ralph A. Loren	Reg. No. 29,325	Maria C. Laccotripe	Limited Recognition
Giulio A. DeConti, Jr.	Reg. No. 31,503		Under 37 C.F.R. § 10.9(b)
Ann Lamport Hammitte	Reg. No. 34,858	Debra J. Milasincic	Reg. No. 46,931
Elizabeth A. Hanley	Reg. No. 33,505	David R. Burns	Reg. No. 46,590
Amy E. Mandragouras	Reg. No. 36,207	Sean D. Detweiler	Reg. No. 42,482
Anthony A. Laurentano	Reg. No. 38,220	Cynthia L. Kanik	Reg. No. 37,320
Kevin J. Canning	Reg. No. 35,470	Theodore R. West	Reg. No. 47,202
Jane E. Remillard	Reg. No. 38,872	Shayne Y. Huff	Reg. No. 44,784
DeAnn F. Smith	Reg. No. 36,683	Hathaway P. Russell	Reg. No. 46,488
Peter C. Lauro	Reg. No. 32,360	Daniel B. Ko	Reg. No. 47,332
Jeanne M. DiGiorgio	Reg. No. 41,710		
Megan E. Williams	Reg. No. 43,270		

all of: **Lahive & Cockfield, LLP**, 28 State Street, Boston, MA 02109  
United States of America

Send correspondence to **Elizabeth A. Hanley, Esq.** at Customer No. 000959 whose address is:

**Lahive & Cockfield, LLP**  
28 State Street  
Boston, MA 02109

Direct telephone calls to **Elizabeth A. Hanley, Esq.** at (617) 227-7400.

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Carlo Dante Rizzuto	
Inventor's signature	Date
Residence 12 Inman Street, #11, Cambridge, Massachusetts 02139	
Citizenship U.S.A.	
Post Office Address (if different)	

T33E77" 47856660

Full name of second inventor, if any Noubar Boghos Afeyan	
Inventor's signature	Date
Residence 1 Sunset Ridge, Lexington, Massachusetts 02421	
Citizenship Canada	
Post Office Address (if different)	

Full name of third inventor, if any Frank Don Lee	
Inventor's signature	Date
Residence 6 Norfolk Road, Chestnut Hill, Massachusetts 02467	
Citizenship U.S.A.	
Post Office Address (if different)	

Full name of fourth inventor, if any George McDonald Church	
Inventor's signature	Date
Residence 218 Kent Street, Brookline, Massachusetts 02446	
Citizenship U.S.A.	
Post Office Address (if different)	

Full name of fifth inventor, if any Ruchira Das Gupta	
Inventor's signature	Date
Residence 333 Lamartine Street, Jamaica Plain, Massachusetts 02130	
Citizenship India	
Post Office Address (if different)	

Full name of sixth inventor, if any John Jacob Schwartz	
Inventor's signature	Date
Residence 200 Upland Road, Newtonville, Massachusetts 02460	
Citizenship U.S.A.	
Post Office Address (if different)	

Full name of seventh inventor, if any Bin Zhang	
Inventor's signature	Date
Residence 20 Chester Road, Unit 2, Belmont, Massachusetts 02478	
Citizenship China	
Post Office Address (if different)	

Full name of eighth inventor, if any Alexey Alexandrovich Lugovskoy	
Inventor's signature	Date
Residence 41 Chestnut Hill Avenue, #31, Brighton, Massachusetts 02135	
Citizenship Russia	
Post Office Address (if different)	